Rachel A Morello-Frosch

List of Publications by Year
in descending order

141	9,235	36303	43889
papers	citations	51 h-index	91 g-index

150	150	150	7197
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Embodied health movements: new approaches to social movements in health. Sociology of Health and Illness, 2004, 26, 50-80.	2.1	459
2	Maternal Exposure to Particulate Air Pollution and Term Birth Weight: A Multi-Country Evaluation of Effect and Heterogeneity. Environmental Health Perspectives, 2013, 121, 267-373.	6.0	339
3	Separate and Unequal: Residential Segregation and Estimated Cancer Risks Associated with Ambient Air Toxics in U.S. Metropolitan Areas. Environmental Health Perspectives, 2006, 114, 386-393.	6.0	337
4	The Environmental â€œRiskscapeâ€•and Social Inequality: Implicationsfor Explaining Maternal and Child Health Disparities. Environmental Health Perspectives, 2006, 114, 1150-1153.	6.0	313
5	Understanding The Cumulative Impacts Of Inequalities In Environmental Health: Implications For Policy. Health Affairs, 2011, 30, 879-887.	5.2	299
6	Environmental Justice and Southern Californiaâ€™s â€œRiskscapeâ€• Urban Affairs Review, 2001, 36, 551-578.	1.9	295
7	The Three Rs: How Community-Based Participatory Research Strengthens the Rigor, Relevance, and Reach of Science. Environmental Justice, 2013, 6, 9-16.	1.5	260
8	Environmental justice and regional inequality in southern California: implications for future research.. Environmental Health Perspectives, 2002, 110, 149-154.	6.0	237
9	The riskscape and the color line: Examining the role of segregation in environmental health disparities. Environmental Research, 2006, 102, 181-196.	7.5	225
10	Associations between historical residential redlining and current age-adjusted rates of emergency department visits due to asthma across eight cities in California: an ecological study. Lancet Planetary Health, The, 2020, 4, e24-e31.	11.4	208
11	Elevated House Dust and Serum Concentrations of PBDEs in California: Unintended Consequences of Furniture Flammability Standards?. Environmental Science & Technology, 2008, 42, 8158-8164.	10.0	206
12	The Haves, the Have-Nots, and the Health of Everyone: The Relationship Between Social Inequality and Environmental Quality. Annual Review of Public Health, 2015, 36, 193-209.	17.4	181
13	The Racial/Ethnic Distribution of Heat Riskâ€“Related Land Cover in Relation to Residential Segregation. Environmental Health Perspectives, 2013, 121, 811-817.	6.0	180
14	Semivolatile Endocrine-Disrupting Compounds in Paired Indoor and Outdoor Air in Two Northern California Communities. Environmental Science & Technology, 2010, 44, 6583-6590.	10.0	178
15	The Air Is Always Cleaner on the Other Side: Race, Space, and Ambient Air Toxics Exposures in California. Journal of Urban Affairs, 2005, 27, 127-148.	1.7	172
16	Redlines and Greenspace: The Relationship between Historical Redlining and 2010 Greenspace across the United States. Environmental Health Perspectives, 2021, 129, 17006.	6.0	165
17	Historical Redlining Is Associated with Present-Day Air Pollution Disparities in U.S. Cities. Environmental Science and Technology Letters, 2022, 9, 345-350.	8.7	162
18	Birth Weight following Pregnancy during the 2003 Southern California Wildfires. Environmental Health Perspectives, 2012, 120, 1340-1345.	6.0	154

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19	Ambient air pollution exposure and full-term birth weight in California. Environmental Health, 2010, 9, 44.	4.0	148
20	Race/Ethnicity, Socioeconomic Status, Residential Segregation, and Spatial Variation in Noise Exposure in the Contiguous United States. Environmental Health Perspectives, 2017, 125, 077017.	6.0	148
21	Air Toxics and Health Risks in California: The Public Health Implications of Outdoor Concentrations. Risk Analysis, 2000, 20, 273-292.	2.7	118
22	Social Disparities in Nitrate-Contaminated Drinking Water in Californiaâ€™s San Joaquin Valley. Environmental Health Perspectives, 2011, 119, 1272-1278.	6.0	117
23	Vulnerability as a Function of Individual and Group Resources in Cumulative Risk Assessment. Environmental Health Perspectives, 2007, 115, 817-824.	6.0	116
24	An Index for Assessing Demographic Inequalities in Cumulative Environmental Hazards with Application to Los Angeles, California. Environmental Science & Technology, 2009, 43, 7626-7634.	10.0	113
25	Playing It Safe: Assessing Cumulative Impact and Social Vulnerability through an Environmental Justice Screening Method in the South Coast Air Basin, California. International Journal of Environmental Research and Public Health, 2011, 8, 1441-1459.	2.6	111
26	Improving Disclosure and Consent. American Journal of Public Health, 2007, 97, 1547-1554.	2.7	109
27	Application of Health Information To Hazardous Air Pollutants Modeled in Epa's Cumulative Exposure Project. Toxicology and Industrial Health, 1998, 14, 429-454.	1.4	108
28	Pollution Comes Home and Gets Personal: Women's Experience of Household Chemical Exposure. Journal of Health and Social Behavior, 2008, 49, 417-435.	4.8	100
29	Waiting to Inhale: The Demographics of Toxic Air Release Facilities in 21st-Century California*. Social Science Quarterly, 2004, 85, 420-440.	1.6	99
30	Toxic ignorance and right-to-know in biomonitoring results communication: a survey of scientists and study participants. Environmental Health, 2009, 8, 6.	4.0	99
31	Who's Minding the Kids? Pollucion, Public Schools, and Environmental Justice in Los Angeles. Social Science Quarterly, 2002, 83, 263-280.	1.6	98
32	Race, Ethnicity, Income Concentration and 10-Year Change in Urban Greenness in the United States. International Journal of Environmental Research and Public Health, 2017, 14, 1546.	2.6	93
33	Associations between historical redlining and birth outcomes from 2006 through 2015 in California. PLoS ONE, 2020, 15, e0237241.	2.5	92
34	The climate gap: environmental health and equity implications of climate change and mitigation policies in Californiaâ€”a review of the literature. Climatic Change, 2011, 109, 485-503.	3.6	91
35	Disentangling the Exposure Experience. Journal of Health and Social Behavior, 2011, 52, 180-196.	4.8	88
36	Environmental justice implications of arsenic contamination in Californiaâ€™s San Joaquin Valley: a cross-sectional, cluster-design examining exposure and compliance in community drinking water systems. Environmental Health, 2012, 11, 84.	4.0	88

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37	Cumulative Environmental Impacts: Science and Policy to Protect Communities. Annual Review of Public Health, 2016, 37, 83-96.	17.4	85
38	â€œA Lab of Our Ownâ€• Science Technology and Human Values, 2006, 31, 499-536.	3.1	84
39	Discrimination and the Political Economy of Environmental Inequality. Environment and Planning C: Urban Analytics and City Science, 2002, 20, 477-496.	1.5	83
40	Linking Exposure Assessment Science With Policy Objectives for Environmental Justice and Breast Cancer Advocacy: The Northern California Household Exposure Study. American Journal of Public Health, 2009, 99, S600-S609.	2.7	80
41	Retirements of Coal and Oil Power Plants in California: Association With Reduced Preterm Birth Among Populations Nearby. American Journal of Epidemiology, 2018, 187, 1586-1594.	3.4	74
42	Breathless: Schools, Air Toxics, and Environmental Justice in California. Policy Studies Journal, 2006, 34, 337-362.	5.1	72
43	Environmental Chemicals in an Urban Population of Pregnant Women and Their Newborns from San Francisco. Environmental Science & Technology, 2016, 50, 12464-12472.	10.0	72
44	Reading, Writing, and Toxics: Children's Health, Academic Performance, and Environmental Justice in Los Angeles. Environment and Planning C: Urban Analytics and City Science, 2004, 22, 271-290.	1.5	71
45	Carbon trading, co-pollutants, and environmental equity: Evidence from Californiaâ€™s cap-and-trade program (2011â€“2015). PLoS Medicine, 2018, 15, e1002604.	8.4	69
46	Reporting individual results for biomonitoring and environmental exposures: lessons learned from environmental communication case studies. Environmental Health, 2014, 13, 40.	4.0	68
47	Dietary sources of cumulative phthalates exposure among the U.S. general population in NHANES 2005â€“2014. Environment International, 2018, 115, 417-429.	10.0	68
48	Measuring the Success of Community Science: The Northern California Household Exposure Study. Environmental Health Perspectives, 2012, 120, 326-331.	6.0	65
49	Semivolatile Organic Compounds in Homes: Strategies for Efficient and Systematic Exposure Measurement Based on Empirical and Theoretical Factors. Environmental Science & Technology, 2015, 49, 113-122.	10.0	65
50	Institutional review board challenges related to community-based participatory research on human exposure to environmental toxins: A case study. Environmental Health, 2010, 9, 39.	4.0	61
51	Integrating Environmental Justice and the Precautionary Principle in Research and Policy Making: The Case of Ambient Air Toxics Exposures and Health Risks among Schoolchildren in Los Angeles. Annals of the American Academy of Political and Social Science, 2002, 584, 47-68.	1.6	56
52	Suspect Screening, Prioritization, and Confirmation of Environmental Chemicals in Maternal-Newborn Pairs from San Francisco. Environmental Science & Technology, 2021, 55, 5037-5049.	10.0	56
53	Exposure to Perfluoroalkyl Substances in a Cohort of Women Firefighters and Office Workers in San Francisco. Environmental Science & Technology, 2020, 54, 3363-3374.	10.0	54
54	Cumulative effects of prenatal-exposure to exogenous chemicals and psychosocial stress on fetal growth: Systematic-review of the human and animal evidence. PLoS ONE, 2017, 12, e0176331.	2.5	53

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55	A Suspect Screening Method for Characterizing Multiple Chemical Exposures among a Demographically Diverse Population of Pregnant Women in San Francisco. Environmental Health Perspectives, 2018, 126, 077009.	6.0	52
56	Are PBDEs an environmental equity concern? Exposure disparities by socioeconomic status. Environmental Science & Technology, 2010, 44, 5691-5692.	10.0	51
57	The International Collaboration on Air Pollution and Pregnancy Outcomes: Initial Results. Environmental Health Perspectives, 2011, 119, 1023-1028.	6.0	50
58	The Truth, the Whole Truth, and Nothing but the Ground-Truth. Health Education and Behavior, 2014, 41, 281-290.	2.5	49
59	Residential Proximity to Oil and Gas Development and Birth Outcomes in California: A Retrospective Cohort Study of 2006â€“2015 Births. Environmental Health Perspectives, 2020, 128, 67001.	6.0	49
60	Inequalities in cumulative environmental burdens among three urbanized counties in California. Environment International, 2012, 40, 79-87.	10.0	48
61	Associations between prenatal maternal exposure to per- and polyfluoroalkyl substances (PFAS) and polybrominated diphenyl ethers (PBDEs) and birth outcomes among pregnant women in San Francisco. Environmental Health, 2020, 19, 100.	4.0	48
62	Research altruism as motivation for participation in community-centered environmental health research. Social Science and Medicine, 2018, 196, 175-181.	3.8	47
63	A review of maternal prenatal exposures to environmental chemicals and psychosocial stressorsâ€”implications for research on perinatal outcomes in the ECHO program. Journal of Perinatology, 2020, 40, 10-24.	2.0	46
64	Identifying Vulnerable Populations through an Examination of the Association Between Multipollutant Profiles and Poverty. Environmental Science & Technology, 2011, 45, 7754-7760.	10.0	44
65	Our Environment, Our Health. Health Education and Behavior, 2012, 39, 198-209.	2.5	43
66	Reflexive Research Ethics for Environmental Health and Justice: Academics and Movement Building. Social Movement Studies, 2012, 11, 161-176.	2.9	42
67	Exposure to Contemporary and Emerging Chemicals in Commerce among Pregnant Women in the United States: The Environmental influences on Child Health Outcome (ECHO) Program. Environmental Science & Technology, 2022, 56, 6560-6573.	10.0	41
68	Integrating Public Health And Community Development To Tackle Neighborhood Distress And Promote Well-Being. Health Affairs, 2014, 33, 1890-1896.	5.2	40
69	Allostatic load amplifies the effect of blood lead levels on elevated blood pressure among middle-aged U.S. adults: a cross-sectional study. Environmental Health, 2013, 12, 64.	4.0	35
70	A Comprehensive Non-targeted Analysis Study of the Prenatal Exposome. Environmental Science & Technology, 2021, 55, 10542-10557.	10.0	31
71	Minding the Climate Gap: Environmental Health and Equity Implications of Climate Change Mitigation Policies in California. Environmental Justice, 2009, 2, 173-177.	1.5	30
72	Labor-Environmental Coalition Formation: Framing and the Right to Know1. Sociological Forum, 2010, 25, 746-768.	1.0	30

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73	Communicating results in post-Belmont era biomonitoring studies: Lessons from genetics and neuroimaging research. Environmental Research, 2015, 136, 363-372.	7.5	30
74	Researcher and institutional review board perspectives on the benefits and challenges of reporting back biomonitoring and environmental exposure results. Environmental Research, 2017, 153, 140-149.	7.5	30
75	Sea level rise and coastal flooding threaten affordable housing. Environmental Research Letters, 2020, 15, 124020.	5.2	29
76	DERBI: A Digital Method to Help Researchers Offer â€œRight-to-Knowâ€•Personal Exposure Results. Environmental Health Perspectives, 2017, 125, A27-A33.	6.0	28
77	Associations of Maternal Stress, Prenatal Exposure to Per- and Polyfluoroalkyl Substances (PFAS), and Demographic Risk Factors with Birth Outcomes and Offspring Neurodevelopment: An Overview of the ECHO.CA.IL Prospective Birth Cohorts. International Journal of Environmental Research and Public Health, 2021, 18, 742.	2.6	28
78	Unconventional natural gas development and adverse birth outcomes in Pennsylvania: The potential mediating role of antenatal anxiety and depression. Environmental Research, 2019, 177, 108598.	7.5	27
79	Integrating Exposure Knowledge and Serum Suspect Screening as a New Approach to Biomonitoring: An Application in Firefighters and Office Workers. Environmental Science & Technology, 2020, 54, 4344-4355.	10.0	27
80	Cumulative Risk and Impact Modeling on Environmental Chemical and Social Stressors. Current Environmental Health Reports, 2018, 5, 88-99.	6.7	26
81	Reporting to parents on childrenâ€™s exposures to asthma triggers in low-income and public housing, an interview-based case study of ethics, environmental literacy, individual action, and public health benefits. Environmental Health, 2018, 17, 48.	4.0	25
82	Inequities in Drinking Water Quality Among Domestic Well Communities and Community Water Systems, California, 2011â€'2019. American Journal of Public Health, 2022, 112, 88-97.	2.7	25
83	Historic redlining and the siting of oil and gas wells in the United States. Journal of Exposure Science and Environmental Epidemiology, 2023, 33, 76-83.	3.9	23
84	Assessing health risks from multiple environmental stressors: Moving from G Ã— E to I Ã— E. Mutation Research - Reviews in Mutation Research, 2018, 775, 11-20.	5.5	22
85	Relationships between psychosocial stressors among pregnant women in San Francisco: A path analysis. PLoS ONE, 2020, 15, e0234579.	2.5	22
86	Joint effects of prenatal exposure to per- and poly-fluoroalkyl substances and psychosocial stressors on corticotropin-releasing hormone during pregnancy. Journal of Exposure Science and Environmental Epidemiology, 2022, 32, 27-36.	3.9	21
87	Extreme heat and its association with social disparities in the risk of spontaneous preterm birth. Paediatric and Perinatal Epidemiology, 2022, 36, 13-22.	1.7	18
88	Petro-riskscapes and environmental distress in West Texas: Community perceptions of environmental degradation, threats, and loss. Energy Research and Social Science, 2020, 70, 101798.	6.4	17
89	Prenatal PFAS and psychosocial stress exposures in relation to fetal growth in two pregnancy cohorts: Applying environmental mixture methods to chemical and non-chemical stressors. Environment International, 2022, 163, 107238.	10.0	17
90	Organophosphate and Organohalogen Flame-Retardant Exposure and Thyroid Hormone Disruption in a Cross-Sectional Study of Female Firefighters and Office Workers from San Francisco. Environmental Science & Technology, 2022, 56, 440-450.	10.0	17

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91	Surveying for Environmental Health Justice: Community Organizing Applications of Community-Based Participatory Research. Environmental Justice, 2016, 9, 129-136.	1.5	16
92	Associations between polyfluoroalkyl substance and organophosphate flame retardant exposures and telomere length in a cohort of women firefighters and office workers in San Francisco. Environmental Health, 2021, 20, 97.	4.0	16
93	Residential proximity to hydraulically fractured oil and gas wells and adverse birth outcomes in urban and rural communities in California (2006â€“2015). Environmental Epidemiology, 2021, 5, e172.	3.0	16
94	Dietary predictors of prenatal per- and poly-fluoroalkyl substances exposure. Journal of Exposure Science and Environmental Epidemiology, 2023, 33, 32-39.	3.9	16
95	Community Voice, Vision, and Resilience in Post-Hurricane Katrina Recovery. Environmental Justice, 2011, 4, 71-80.	1.5	15
96	Mixture effects of prenatal exposure to per- and polyfluoroalkyl substances and polybrominated diphenyl ethers on maternal and newborn telomere length. Environmental Health, 2021, 20, 76.	4.0	15
97	Hyperlocalized Measures of Air Pollution and Preeclampsia in Oakland, California. Environmental Science & Technology, 2021, 55, 14710-14719.	10.0	15
98	School Custodians and Green Cleaners. Organization and Environment, 2007, 20, 304-324.	4.3	14
99	Towards a Peopleâ€™s Social Epidemiology: Envisioning a More Inclusive and Equitable Future for Social Epi Research and Practice in the 21st Century. International Journal of Environmental Research and Public Health, 2019, 16, 3983.	2.6	14
100	Environmental hazards, social inequality, and fetal loss: Implications of live-birth bias for estimation of disparities in birth outcomes. Environmental Epidemiology, 2021, 5, e131.	3.0	14
101	Drinking water contaminants in California and hypertensive disorders in pregnancy. Environmental Epidemiology, 2021, 5, e149.	3.0	14
102	The association of maternal psychosocial stress with newborn telomere length. PLoS ONE, 2020, 15, e0242064.	2.5	14
103	Increase in fertility following coal and oil power plant retirements in California. Environmental Health, 2018, 17, 44.	4.0	13
104	A Pilot Biomonitoring Study of Cumulative Phthalates Exposure among Vietnamese American Nail Salon Workers. International Journal of Environmental Research and Public Health, 2020, 17, 325.	2.6	13
105	Chapter 8. Bending the Curve and Closing the Gap: Climate Justice and Public Health. Collabra, 2016, 2, .	1.3	13
106	Income Inequality and US Childrenâ€™s Secondhand Smoke Exposure: Distinct Associations by Raceâ€“Ethnicity. Nicotine and Tobacco Research, 2016, 19, ntw293.	2.6	12
107	Gaussian graphical modeling of the serum exposome and metabolome reveals interactions between environmental chemicals and endogenous metabolites. Scientific Reports, 2021, 11, 7607.	3.3	12
108	A Warning About Using Predicted Values From Regression Models for Epidemiologic Inquiry. American Journal of Epidemiology, 2021, 190, 1142-1147.	3.4	11

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109	Associations between social, biologic, and behavioral factors and biomarkers of oxidative stress during pregnancy: Findings from four ECHO cohorts. Science of the Total Environment, 2022, 835, 155596.	8.0	11
110	EMBODIED HEALTH MOVEMENTS AND CHALLENGES TO THE DOMINANT EPIDEMIOLOGICAL PARADIGM. Research in Social Movements, Conflicts and Change, 0, , 253-278.	0.3	10
111	An equity analysis of clean vehicle rebate programs in California. Climatic Change, 2020, 162, 2087-2105.	3.6	10
112	Air pollution, methane super-emitters, and oil and gas wells in Northern California: the relationship with migraine headache prevalence and exacerbation. Environmental Health, 2021, 20, 45.	4.0	10
113	Hyper-localized measures of air pollution and risk of preterm birth in Oakland and San Jose, California. International Journal of Epidemiology, 2022, 50, 1875-1885.	1.9	10
114	Climate Justice and Californiaâ€™s Methane Superemitters: Environmental Equity Assessment of Community Proximity and Exposure Intensity. Environmental Science & Technology, 2021, 55, 14746-14757.	10.0	10
115	The body language of place: A new method for mapping intergenerational â€œgeographies of embodimentâ€•in place-health research. Social Science and Medicine, 2019, 223, 51-63.	3.8	9
116	Sociodemographic Inequalities in Urinary Tract Infection in 2 Large California Health Systems. Open Forum Infectious Diseases, 2021, 8, ofab276.	0.9	9
117	Ambient temperature and risk of urinary tract infection in California: A time-stratified case-crossover study using electronic health records. Environment International, 2022, 165, 107303.	10.0	9
118	Firefighters and Flame Retardant Activism. New Solutions, 2015, 24, 511-534.	1.2	8
119	Health Social Movements: Advancing Traditional Medical Sociology Concepts. Handbooks of Sociology and Social Research, 2011, , 117-137.	0.1	8
120	Maternal Experience of Multiple Hardships and Fetal Growth. Epidemiology, 2021, 32, 18-26.	2.7	8
121	Reporting Individual Results for Environmental Chemicals in Breastmilk in a Context That Supports Breastfeeding. Breastfeeding Medicine, 2009, 4, 121-121.	1.7	6
122	Scientific contestations over â€œtoxic trespassâ€• health and regulatory implications of chemical biomonitoring. Journal of Environmental Studies and Sciences, 2016, 6, 556-568.	2.0	6
123	Experts, Ethics, and Environmental Justice:. , 2011, , 93-118.		6
124	High-resolution gridded estimates of population sociodemographics from the 2020 census in California. PLoS ONE, 2022, 17, e0270746.	2.5	6
125	The Politics of Reproductive Hazards in the Workplace: Class, Gender, and the History of Occupational Lead Exposure. International Journal of Health Services, 1997, 27, 501-521.	2.5	5
126	Assessment of estimated 1990 air toxics concentrations in urban areas in the United States. Environmental Science and Policy, 1999, 2, 397-411.	4.9	5

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127	Large-Scale Implementation and Flaw Investigation of Human Serum Suspect Screening Analysis for Industrial Chemicals. Journal of the American Society for Mass Spectrometry, 2021, 32, 2425-2435.	2.8	5
128	Applying the hierarchy of controls to oil and gas development. Environmental Research Letters, 2022, 17, 071003.	5.2	5
129	Response to Comment on â€œElevated House Dust and Serum Concentrations of PBDEs in California: Unintended Consequences of Furniture Flammability Standards?â€. Environmental Science & Technology, 2009, 43, 2661-2662.	10.0	4
130	Returning Chemical Exposure Results to Individuals and Communities. , 2019, , 135-163.		4
131	The Drinking Water Tool: A Community-Driven Data Visualization Tool for Policy Implementation. International Journal of Environmental Research and Public Health, 2022, 19, 1419.	2.6	4
132	Perspectives of peripartum people on opportunities for personal and collective action to reduce exposure to everyday chemicals: Focus groups to inform exposure report-back. Environmental Research, 2022, 212, 113173.	7.5	4
133	Inadequate Prenatal Care and Elevated Blood Lead Levels among Children Born in Providence, Rhode Island: A Population-Based Study. Public Health Reports, 2006, 121, 729-736.	2.5	3
134	Litigating Toxic Risks Ahead of Regulation: Biomonitoring Science in the Courtroom. Stanford Environmental Law Journal, 2012, 31, 3.	1.0	2
135	Investigating geographic differences in environmental chemical exposures in maternal and cord sera using non-targeted screening and silicone wristbands in California. Journal of Exposure Science and Environmental Epidemiology, 2022, , .	3.9	1
136	Air Toxic Concentrations: Response. Environmental Health Perspectives, 1999, 107, A547.	6.0	0
137	End Double Jeopardy. Scientific American, 2009, 19, 18-18.	1.0	0
138	Cumulative Prenatal-Exposure to Exogenous Chemicals and Psychosocial Stress: Systematic Review of the Human and Non-Human Mammalian Evidence.. ISEE Conference Abstracts, 2014, 2014, 1776.	0.0	0
139	Associations between historical redlining and birth outcomes from 2006 through 2015 in California. , 2020, 15, e0237241.		0
140	Associations between historical redlining and birth outcomes from 2006 through 2015 in California. , 2020, 15, e0237241.		0
141	Associations between historical redlining and birth outcomes from 2006 through 2015 in California. , 2020, 15, e0237241.		0